



Phone #
0223342607

OFFICE OF THE EXECUTIVE ENGINEER EDUCATION WORKS DIVISION TANDO MUHAMMED KHAN

No: TC/G-55 (EWD)/ 155 /of 2018

T.M.Khan, Dated:- 20-03-2018

Notice Inviting Tenders

- 1 Sealed Bids for the Works mentioned below are invited from the interested Bidders / Firms on Standard Bidding Documents of SPPRA under Sindh Public Procurement Regulatory Authority, Rules 2010 (amended to 2015).
- 2 The bidding documents will be issued to all the interested Bidders on written request to the undersigned on firms original letterhead and payment of bidding documents free (non refundable) in cash as shown against each .

Programme for issuance / submission and opening of Bids

S #	Particulars	Date of Issue & Opening
A	Date of issuance of bidding documents	From the date of publication in press and hoisted on website of SPPRA at or before 2.00pm on 11-04-2018
B	Dead line for submission of bids	On 12-04-2018 up to 2.00pm in the office of the undersigned
C	Venue, time and date of bids opening	On 12-04-2018 at 3.00pm in the office of the undersigned

- 3 Bidding is open to all interested bidders.
- 4 Method of procurement i.e Single Stage-Single Envelope.
- 5 Bid Validity Period is (90) Ninety days

List of Work

S.#	Name of Scheme / Locations	Taluka	Estimated Cost (M)	Earnet Money 4%	Bid Documents Fee	Time for completion
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PROVINCIAL ADP

(ADP-299) Establishment of Single Section High Schools in Sindh (2008-09 Programme) @

1	GBHS Haji Muhammad Jat (Remaining Work)	B.S.Karim	6.267	250680	3000	18 Months
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(ADP-300) Upgradation of Middle Schools to High Schools & High Schools to Higher Secondary Schools (2007-08 Programme) @

2	GBMS Soomra Muhalla (Remaining Work)	T.M.Khan	5.600	224000	3000	15 Months
3	GBMS Wasi Malook Shah(Balance Work)	B.S.Karim	5.500	220000	3000	15 Months
4	GGMS Bhaledino Sathio	B.S.Karim	8.460	338400	3000	18 Months

(Non-ADP) Introduction of Post-Graduate Classes in existing Degree College in Sindh (2007-08 Programme) @

5	Govt: Boys Mir Ghulam Ali Khan Talpur Degree College T.M.Khan	T.M.Khan	11.396	455840	3000	18 Months
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(ADP-297) Upgradation of Middle School to High Schools in Sindh (2008-09 Programme) @

6	GMS Nabi Bux Laghari (C/Wall)	T.M.Khan	1.200	48000	1500	3 Months
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SPPRA INWARD DIARY

NO : 7328
DATED : 24/03/2018

S.#	Name of Scheme / Locations	Taluka	Estimated Cost (M)	Earnet Money 4%	Bid Documents Fee	Time for completion
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7 (ADP-484) Establishment of Govt. Boys/Girls Degree College in Sindh (2007-08 Programme) @ Govt. Boys Degree College B.S.Karim

(i) First Floor	B.S.Karim	13.388	535520	3000	18 Months
(ii) Ground Floor	B.S.Karim	15.932	637280	3000	18 Months
(iii) External Development	B.S.Karim	7.463	298520	3000	18 Months

M&R Programme (2016-17 Prog:)

8 Govt. Boys Mir Ghulam Ali Khan Talpur Degree College (Remaining Work	T.M.Khan	4.000	160000	3000	06 Months
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6 BIDDERS QUALIFICATION / ELIGIBILITY CRITERIA

- Registration With Pakistan Engineering Council in the relevant category or above discipline keeping in view the bid costs. No. PEC license required for work costing up to Rs. 4.00 (Million).
- Relevant Experience of last three years (list of works with copies of letter of award of work and completion certificates of equivalent cost or above).
- Trun-over of last three years as per SPPRA Rules 2010 with current trun over as 30% of the bid cost.
- Valid Registration with Federal Board of Revenue (FBR) for income Tax (N.T.N).
- Valid Registration with the Sindh Revenue Board (SRB).
- The bid security 4% (four percent) in the shape of call deposit / pay order issued from any schedule bank of pakistan in favour of undersigned shall be submitted at the time of submission of bidding documents.
- Full Name, Complete Address, Telephone Number, Fax Number, E-Mail & Organization of Structure.
- Copy of C.N.I.C of proprietor / partners (if any).
- Complete Bio-Date of Technical Staff (One B.E & One Diploma Engineer).
- Undertaking on stamp paper that firm is not involved in any litigation, Departmental rift, abandoned or un-necessary delay in completion of any work in the Government Department.
- Undertaking on stamp paper regarding Non-Black Listing of Firm previously by Government,s, Semi Government,s Autonomous Bodies as Executing Agency.
- Affidavit regarding list of partners / partnership Deed with Director / Proprietor etc with complete Information along with Power of Attorney / Sole Proprietor.
- Undertaking on stamp that imformation submitted by Bidder / Firms is correct.
- Incomplete / Conditional bids will not be entertained and will be rejected out rightly.
- Procuring agency reserve right to annul the bidding process and reject all bids or proposals as per SPP Rules 2010 (amended to-date).

EXECUTIVE ENGINEER
EDUCATION WORKS DIVISION
T.M.KHAN

Copy Forwarded with compliments to:-

- 1 The Director (Advertisement) Information Department, Government of Sindh, Karachi for information and publication in leading Newspaper viz English, Sindhi & Urdu.
- 2 The Managing Director, (A&F) Sindh Public Procurement Regulatory Authority, Services General Administration & Coordination Department, Barrack No. 8, Sindh Secretariat No. 4-A, Court Road Karachi, for hoisting the advertisement on the SPPRA Website.
- 3 The Chief Engineer, Education Works, Hyderabad for information.
- 4 The Superintending Engineer, Education Works Circle Hyderabad for information
- 5 The Assistant Engineer, Education Works Sub-Division, T.M.Khan for information & wide publicity.
- 6 Copy to Notice Board.

EXECUTIVE ENGINEER
EDUCATION WORKS DIVISION
T.M.KHAN

SPPRA BIDDING DOCUMENT

STANDARD FORM OF BIDDING DOCUMENT

FOR

PROCUREMENT OF WORKS

(For Contracts (Small) upto Rs. 2.5 Million)

**OFFICE OF THE EXECUTIVE ENGINEER
EDUCATION WORKS DIVISION T.M.KHAN**

Name of Work :- _____

Name of Contractor:- _____

N.I.T No. TC/ G-55 dated:-

Issue date :- _____

Opening date _____

D.R No. & date _____

EXECUTIVE ENGINEER
EDUCATION WORKS DIVISION
T.M.KHAN

Instructions to Bidders/ Procuring Agencies.

General Rules and Directions for the Guidance of Contractors.

This section of the bidding documents should provide the information necessary for bidders to prepare responsive bids, in accordance with the requirements of the Procuring Agency. It should also give information on bid submission, opening and evaluation, and on the award of contract.

Matters governing the performance of the Contract or payments under the Contract, or matters affecting the risks, rights, and obligations of the parties under the Contract are included as Conditions of Contract and *Contract Data*.

The *Instructions to Bidders* will not be part of the Contract and will cease to have effect once the contract is signed.

1. All work proposed to be executed by contract shall be notified in a form of Notice Inviting Tender (NIT)/Invitation for Bid (IFB) hoisted on website of Authority and Procuring Agency and also in printed media where ever required as per rules.

NIT must state the description of the work, dates, time and place of issuing, submission, opening of bids, completion time, cost of bidding document and bid security either in lump sum or percentage of Estimated Cost/Bid Cost. The interested bidder must have valid NTN also.

2. Content of Bidding Documents must include but not limited to: Conditions of contract, Contract Data, specifications or its reference, Bill of Quantities containing description of items with scheduled/item rates with premium to be filled in form of percentage above/ below or on item rates to be quoted, Form of Agreement and drawings.

3. **Fixed Price Contracts:** The Bid prices and rates are fixed during currency of contract and under no circumstance shall any contractor be entitled to claim enhanced rates for any item in this contract.

4. The Procuring Agency shall have right of rejecting all or any of the tenders as per provisions of SPP Rules 2010.

5. **Conditional Offer:** Any person who submits a tender shall fill up the usual printed form stating at what percentage above or below on the rates specified in Bill of Quantities for items of work to be carried out: he is willing to undertake the work and also quote the rates for those items which are based on market rates. Only one rate of such percentage, on all the Scheduled Rates shall be framed. Tenders, which propose any alternative in the works specified in the said form of invitation to tender or in the time

allowed for carrying out the work, or which contain any other conditions, will be liable to rejection. No printed form of tender shall include a tender for more than one work, but if contractor wish to tender for two or more works, they shall submit a separate tender for each.

The envelope containing the tender documents shall refer the name and number of the work.

6. All works shall be measured by standard instruments according to the rules.
7. Bidders shall provide evidence of their eligibility as and when requested by the Procuring Agency.
8. Any bid received by the Agency after the deadline for submission of bids shall be rejected and returned unopened to the bidder.
9. Prior to the detailed evaluation of bids, the Procuring Agency will determine whether the bidder fulfills all codal requirements of eligibility criteria given in the tender notice such as registration with tax authorities, registration with PEC (where applicable), turnover statement, experience statement, and any other condition mentioned in the NIT and bidding document. If the bidder does not fulfill any of these conditions, it shall not be evaluated further.
10. Bid without bid security of required amount and prescribed form shall be rejected.
11. Bids determined to be substantially responsive shall be checked for any arithmetic errors. Arithmetical errors shall be rectified on the following basis;
 - (A) **In case of schedule rates**, the amount of percentage quoted above or below will be checked and added or subtracted from amount of bill of quantities to arrive the final bid cost.
 - (B) **In case of item rates**, If there is a discrepancy between the unit rate and the total cost that is obtained by multiplying the unit rate and quantity, the unit rate shall prevail and the total cost will be corrected unless in the opinion of the Agency there is an obvious misplacement of the decimal point in the unit rate, in which case the total cost as quoted will govern and the unit rate corrected. If there is a discrepancy between the total bid amount and the sum of total costs, the sum of the total costs shall prevail and the total bid amount shall be corrected.
 - (C) Where there is a discrepancy between the amounts in figures and in words, the amount in words will govern.

Conditions of Contract

Clause – 1: Commencement & Completion Dates of work. The contractor shall not enter upon or commence any portion or work except with the written authority and instructions of the Engineer-in-charge or of in subordinate-in-charge of the work. Failing such authority the contractor shall have no claim to ask for measurements of or payment for work.

The contractor shall proceed with the works with due expedition and without delay and complete the works in the time allowed for carrying out the work as entered in the tender shall be strictly observed by the contractor and shall reckoned from the date on which the order to commence work is given to the contractor. And further to ensure good progress during the execution of the work, contractor shall be bound, in all in which the time allowed for completion of any work exceeds one month, to achieve progress on the prorate basis.

Clause – 2: Liquidated Damages. The contractor shall pay liquidated damages to the Agency at the rate per day stated in the bidding data for each day that the completion date is later than the Intended completion date; the amount of liquidated damage paid by the contractor to the Agency shall not exceed 10 per cent of the contract price. Agency may deduct liquidated damages from payments due to the contractor. Payment of liquidated damages does not affect the contractor's liabilities.

Clause – 3: Termination of the Contract.

- (A) Procuring Agency/Executive Engineer may terminate the contract if either of the following conditions exists:-
- (i) contractor causes a breach of any clause of the Contract;
 - (ii) the progress of any particular portion of the work is unsatisfactory and notice of 10 days has expired;
 - (iii) in the case of abandonment of the work owing to the serious illness or death of the contractor or any other cause.
 - (iv) contractor can also request for termination of contract if a payment certified by the Engineer is not paid to the contractor within 60 days of the date of the submission of the bill;
- (B) The Executive Engineer/Procuring Agency has power to adopt any of the following courses as may deem fit:-
- (i) to forfeit the security deposit available except conditions mentioned at A (iii) and (iv) above;
 - (ii) to finalize the work by measuring the work done by the contractor.

- (C) In the event of any of the above courses being adopted by the Executive Engineer/Procuring Agency, the contractor shall have:-
- (i) no claim to compensation for any loss sustained by him by reason of his having purchased or procured any materials, or entered into any engagements, or made any advances on account of, or with a view to the execution of the work or the performance of the contract.
 - (ii) however, the contractor can claim for the work done at site duly certified by the executive engineer in writing regarding the performance of such work and has not been paid.

Procuring Agency/Engineer may invite fresh bids for remaining work.

Clause 4: Possession of the site and claims for compensation for delay. The Engineer shall give possession of all parts of the site to the contractor. If possession of site is not given by the date stated in the contract data, no compensation shall be allowed for any delay caused in starting of the work on account of any acquisition of land, water standing in borrow pits/ compartments or in according sanction to estimates. In such case, either date of commencement will be changed or period of completion is to be extended accordingly.

Clause -5: Extension of Intended Completion Date. The Procuring Agency either at its own initiatives before the date of completion or on desire of the contractor may extend the intended completion date, if an event (which hinders the execution of contract) occurs or a variation order is issued which makes it impossible to complete the work by the intended completion date for such period as he may think necessary or proper. The decision of the Executive Engineer in this matter shall be final; where time has been extended under this or any other clause of this agreement, the date for completion of the work shall be the date fixed by the order giving the extension or by the aggregate of all such orders, made under this agreement.

When time has been extended as aforesaid, it shall continue to be the essence of the contract and all clauses of the contract shall continue to be operative during the extended period.

Clause -6: Specifications. The contractor shall execute the whole and every part of the work in the most substantial and work-man-like manner and both as regards materials and all other matters in strict accordance with the specifications lodged in the office of the Executive Engineer and initialed by the parties, the said specification being a part of the contract. The contractor shall also confirm exactly, fully and faithfully to the designs, drawing, and instructions in writing relating to the work signed by the Engineer-in-charge and lodge in his office and to which the contractor shall be entitled to have access at such office or on the site of work for the purpose of inspection during office hours and the contractor shall, if he so requires, be entitled at his own expense to make or cause to be made copies of the specifications, and of all such designs, drawings, and instructions as aforesaid.

Clause – 7: Payments.

- (A) **Interim/Running Bill.** A bill shall be submitted by the contractor as frequently as the progress of the work may justify for all work executed and not included in any previous bill at least once in a month and the Engineer-in-charge shall take or cause to be taken the requisite measurements for the purpose of having the same verified and the claim, as far as admissible, adjusted, if possible before the expiry of ten days from the presentation of the bill, at any time depute a subordinate to measure up the said work in the presence of the contractor or his authorized agent, whose countersignature to the measurement list will be sufficient to warrant and the Engineer-in-charge may prepare a bill from such list which shall be binding on the contractor in all respects.

The Engineer /Procuring Agency shall pass/certify the amount to be paid to the contractor, which he considers due and payable in respect thereof, subject to deduction of security deposit, advance payment if any made to him and taxes.

All such intermediate payment shall be regarded as payments by way of advance against the final payment only and not as payments for work actually done and completed, and shall not preclude the Engineer-in-charge from recoveries from final bill and rectification of defects and unsatisfactory items of works pointed out to him during defect liability period.

- (B) **The Final Bill.** A bill shall be submitted by the contractor within one month of the date fixed for the completion of the work otherwise Engineer-in-charge's certificate of the measurements and of the total amount payable for the works shall be final and binding on all parties.

Clause – 8: Reduced Rates. In cases where the items of work are not accepted as so completed, the Engineer-in-charge may make payment on account of such items at such reduced rates as he may consider reasonable in the preparation of final or on running account bills with reasons recorded in writing.

Clause – 9: Issuance of Variation and Repeat Orders.

- (A) Agency may issue a Variation Order for procurement of works, physical services from the original contractor to cover any increase or decrease in quantities, including the introduction of new work items that are either due to change of plans, design or alignment to suit actual field conditions, within the general scope and physical boundaries of the contract.
- (B) Contractor shall not perform a variation until the Procuring Agency has authorized the variation in writing subject to the limit not exceeding the contract cost by of 15% on the same conditions in all respects on which he agreed to do them in the

work, and at the same rates, as are specified in the tender for the main work. The contractor has no right to claim for compensation by reason of alterations or curtailment of the work.

- (C) In case the nature of the work in the variation does not correspond with items in the Bill of Quantities, the quotation by the contractor is to be in the form of new rates for the relevant items of work, and if the Engineer-in-charge is satisfied that the rate quoted is within the rate worked out by him on detailed rate analysis, and then only he shall allow him that rate after approval from higher authority.
- (D) The time for the completion of the work shall be extended in the proportion that the additional work bear to the original contract work.
- (E) In case of quantities of work executed result the Initial Contract Price to be exceeded by more than 15%, and then Engineer can adjust the rates for those quantities causing excess the cost of contract beyond 15% after approval of Superintending Engineer.
- (F) **Repeat Order:** Any cumulative variation, beyond the 15% of initial contract amount, shall be subject of another contract to be tendered out if the works are separable from the original contract.

Clause-10: Quality Control.

- (A) **Identifying Defects:** If at any time before the security deposit is refunded to the contractor/during defect liability period mentioned in bid data, the Engineer-in-charge or his subordinate-in-charge of the work may instruct the contractor to uncover and test any part of the works which he considers may have a defect due to use of unsound materials or unskillful workmanship and the contractor has to carry out a test at his own cost irrespective of work already approved or paid.
- (B) **Correction of Defects:** The contractor shall be bound forthwith to rectify or remove and reconstruct the work so specified in whole or in part, as the case may require. The contractor shall correct the notified defect within the Defects Correction Period mentioned in notice.
- (C) **Uncorrected Defects:**
 - (i) In the case of any such failure, the Engineer-in-charge shall give the contractor at least 14 days notice of his intention to use a third party to correct a defect. He may rectify or remove, and re-execute the work or remove and replace the materials or articles complained of as the case may be at the risk and expense in all respects of the contractor.

- (ii) If the Engineer considers that rectification/correction of a defect is not essential and it may be accepted or made use of; it shall be within his discretion to accept the same at such reduced rates as he may fix therefore.

Clause – 11:

- (A) **Inspection of Operations.** The Engineer and his subordinates, shall at all reasonable times have access to the site for supervision and inspection of works under or in course of execution in pursuance of the contract and the contractor shall afford every facility for and every assistance in obtaining the right to such access.
- (B) **Dates for Inspection and Testing.** The Engineer shall give the contractor reasonable notice of the intention of the Engineer-in-charge or his subordinate to visit the work shall have been given to the contractor, then he either himself be present to receive orders and instructions, or have a responsible agent duly accredited in writing present for that purpose, orders given to the contractor's duly authorized agent shall be considered to have the same force an effect as if they had been given to the contractor himself.

Clause – 12: Examination of work before covering up.

- (A) No part of the works shall be covered up or put out of view/beyond the reach without giving notice of not less than five days to the Engineer whenever any such part of the works or foundations is or are ready or about to be ready for examination and the Engineer shall, without delay, unless he considers it unnecessary and advises the contractor accordingly, attend for the purpose of examining and measuring such part of the works or of examining such foundations;
- (B) If any work is covered up or placed beyond the reach of measurement without such notice having been given, the same shall be uncovered at the contractor's expense, and in default thereof no payment or allowance shall be made for such work, or for the materials with which the same was executed.

Clause – 13: Risks. The contractor shall be responsible for all risks of loss of or damage to physical property or facilities or related services at the premises and of personal injury and death which arise during and in consequence of its performance of the contract. if any damage is caused while the work is in progress or become apparent within three months of the grant of the certificate of completion, final or otherwise, the contractor shall make good the same at his own expense, or in default the Engineer may cause the same to be made good by other workmen, and deduct the expenses from retention money lying with the Engineer.



Clause-14: Measures for prevention of fire and safety measures. The contractor shall not set fire to any standing jungle, trees, bush-wood or grass without a written permit from the Executive Engineer. When such permit is given, and also in all cases when destroying, cutting or uprooting trees, bush-wood, grass, etc by fire, the contractor shall take necessary measures to prevent such fire spreading to or otherwise damaging surrounding property. The contractor is responsible for the safety of all its activities including protection of the environment on and off the site. Compensation of all damage done intentionally or unintentionally on or off the site by the contractor's labour shall be paid by him.

Clause-15: Sub-contracting. The contractor shall not subcontract the whole of the works, except where otherwise provided by the contract. The contractor shall not subcontract any part of the works without the prior consent of the Engineer. Any such consent shall not relieve the contractor from any liability or obligation under the contract and he shall be responsible for the acts, defaults and neglects of any subcontractor, his agents, servants or workmen as if these acts, defaults or neglects were those of the contractor, his agents' servants or workmen. The provisions of this contract shall apply to such subcontractor or his employees as if he or it were employees of the contractor.

Clause - 16: Disputes. All disputes arising in connection with the present contract, and which cannot be amicably settled between the parties, , the decision of the Superintending Engineer of the circle/officer/one grade higher to awarding authority shall be final, conclusive and binding on all parties to the contract upon all questions relating to the meaning of the specifications, designs drawings, and instructions, hereinbefore mentioned and as to the quality of workmanship, or materials used on the work or as to any other questions, claim, right, matter, or thing whatsoever in any way arising out of, or relating to the contract design, drawings, specifications, estimates, instructions, orders or these conditions or otherwise concerning the works, or the execution, of failure to execute the same, whether arising, during the progress of the work, or after the completion or abandonment thereof.

Clause -17: Site Clearance. On completion of the work, the contractor shall be furnished with a certificate by the Executive Engineer (hereinafter called the Engineer in-charge) of such completion, but neither such certificate shall be given nor shall the work be considered to be complete until the contractor shall have removed all temporary structures and materials brought at site either for use or for operation facilities including cleaning debris and dirt at the site. If the contractor fails to comply with the requirements of this clause then Engineer-in-charge, may at the expense of the contractor remove and dispose of the same as he thinks fit and shall deduct the amount of all expenses so incurred from the contractor's retention money. The contractor shall have no claim in respect of any surplus materials as aforesaid except for any sum actually realized by the sale thereof.

Clause –18: Financial Assistance /Advance Payment.

- (A) Mobilization advance is not allowed.
- (B) Secured Advance against materials brought at site.
- (i) Secured Advance may be permitted only against imperishable materials/quantities anticipated to be consumed/utilized on the work within a period of three months from the date of issue of secured advance and definitely not for full quantities of materials for the entire work/contract. The sum payable for such materials on site shall not exceed 75% of the market price of materials;
- (ii) Recovery of Secured Advance paid to the contractor under the above provisions shall be affected from the monthly payments on actual consumption basis, but not later than period more than three months (even if unutilized).

Clause –19: Recovery as arrears of Land Revenue. Any sum due to the Government by the contractor shall be liable for recovery as arrears of Land Revenue.

Clause –20: Refund of Security Deposit/Retention Money. On completion of the whole of the works (a work should be considered as complete for the purpose of refund of security deposit to a contractor from the last date on which its final measurements are checked by a competent authority, if such check is necessary otherwise from the last date of recording the final measurements), the defects notice period has also passed and the Engineer has certified that all defects notified to the contractor before the end of this period have been corrected, the security deposit lodged by a contractor (in cash or recovered in installments from his bills) shall be refunded to him after the expiry of three months from the date on which the work is completed.

Divisional Accountant

Contractor

Executive Engineer/Procuring Agency





GOVERNMENT OF SINDH
EDUCATION & LITERACY DEPARTMENT
Karachi, date the 28-04-2015

NOTIFICATION

NO.SO(G) EDU/E&A/PRO-EW/14-15: In pursuance of Rule - 7 of the Sindh Public Procurement Rules, 2010, a Departmental Procurement Committee comprising of following Officers for procurement of works for various Educational Institutes / Offices / Line Departments working under Administrative Control of Education & Literacy Department to be procured under ADP / Regular Budget / SNE of Education Department is constituted as under:-

- | | | |
|----|--|----------|
| 1. | Executive Engineer (Education Works)
Concerned Education Works Division
Education & Literacy Department | Chairman |
| 2. | Assistant Engineer
Local Government Public Health Engineering Department | Member |
| 3. | Assistant Engineer (Education Works) of Headquarter
Concerned Education Works sub Division
Education & Literacy Department | Member |

ToRs

- Preparing bidding documents;
- Carrying out technical as well as financial evaluation of the bids;
- Preparing evaluation report as provided in Rule 45 of SPPRA 2010;
- Making recommendations for the award of contract to the competent authority; and
- Perform any other function ancillary and incidental to the above.

- DR. FAZLULLAH PECHUHO -

NO.SO(G) EDU/E&A/PRO-EW/14-15:

Karachi, date the 28th May, 2015

A copy is forwarded for information & necessary action to:-

1. All Members of the Committee.
2. The P.S. to Senior Minister, Education & Literacy Department, Govt. of Sindh, Karachi.
3. The P.S to Secretary, Education & Literacy Department.
4. The P.S to Secretary, Local Government Public Health Engineering Department.
5. Office Order File



SINDH EDUCATION &
LITERACY DEPARTMENT



DEPUTY SECRETARY (CA)

SCHOOL EDUCATION DEPARTMENT



GOVERNMENT OF SINDH

EDUCATION WORKS DIVISION TANDO MUHAMMAD KHAN

ANNUAL PROCUREMENT PLAN 2017-18

ANNUAL PROCUREMENT PLAN 2017-18

S. NO	Description of Procurement	Quantity where applicable	Estimated Unit Cost where applicable (in (Million))	Funds Available (in (Million))	Source of Funds ADP / Non ADP	Timing of Procurement				Remarks
						1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	
1	2	3	4	5	6	7	8	9	10	11
1	<u>(ADP-296) Establishment of Public School in Sindh (2007-08 Programme) @ T.M.Khan</u>									
	a) Main Building (Academic Block)		7.000		ADP	✓				
	b) External Sanitary Work		3.000		ADP	✓				
2	<u>(ADP-298) Reconstruction of existing High/ Higher Secon: Schools in Sindh (2008-09 Program) @ GGHS Dando Tal: T.G.Hyder</u>		5.500		ADP	✓				
3	<u>(ADP-300) Upgradation of Middle Schools to High Schools & High Schools to Higher Secondary Schools (2007-08 Programme) @</u>									
	i) Upgradation of Middle Schools to High Schools @ GBMS Soomra Muhallah Tal: T.M.Khan		3.000		ADP	✓				
	ii) Upgradation of High to Higher Sec: Schools @ GBHS Rajo Nizamani Tal: T.M.Khan		8.500		ADP	✓				
	<u>(ADP-233) Construction of Shelterless Primary Schools Tal: B.S.Karim (16 Units) (2007-08 Prog:) @</u>									
4	GGPS Haji Malook Halepoto		1.100		ADP	✓				
5	GPS Amir Bux Sathio		1.100		ADP	✓				
	<u>(ADP-234) Construction of Shelterless Primary Schools Tal: T.G.Hyder (16 Units) (2007-08 Prog:) @</u>									
6	GGPS Ali Muhammad Lashari		1.100		ADP	✓				
7	GBPS Nazar Ali Khoso		1.100		ADP	✓				
	<u>(ADP-240)Re-Construction of Existing Primary School Buildings District T.M.Khan (2008-09 Prog:) @</u>									
8	GBPS Ahmed Khokhar		1.100		ADP	✓				
	<u>(ADP-240) Up-gradation of Primary Schools to Middle Schools in District T.M.Khan @</u>									
9	GBPS Pattar		7.850		ADP	✓				
10	GBPS Dhandhi		7.850		ADP	✓				

S. NO	Description of Procurement	Quantity where applicable	Estimated Unit Cost where applicable (in Million)	Funds Available (in Million)	Source of Funds ADP / Non ADP	Timing of Procurement				Remarks
						1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	
1	2	3	4	5	6	7	8	9	10	11
	<u>(ADP-296) Establishment of Public School in Sindh (2007-08 Programme) @ T.M.Khan</u>									
11	Hostel Block (Miscellaneous Work)		1.100		ADP	✓				
12	Academic Block (Miscellaneous Work)		1.100		ADP	✓				
	<u>(ADP-297) Upgradation of Middle School to High Schools in Sindh (2008-09 Programme) @</u>									
13	GMS Bhai Khan Talpur (Miscellaneous Work)		0.850		ADP	✓				
	<u>(ADP-230) Constt:of Building for Shelterless Existing Primary Schools (2-Roomed) in R/A of Tal: B.S.Karim (2006-07 Prog:) @</u>									
14	GPS Village Abdul Ghafoor Hasar (Miscellaneous Work)		1.000		ADP	✓				
15	GPS Village Haji Ahmed Sathio (Miscellaneous Work)		1.075		ADP	✓				
16	GPS Village Dost Ali Jamari (Miscellaneous Work)		1.080		ADP	✓				
	<u>(ADP-231) Constt:of Building for Shelterless Existing Primary Schools (2-Roomed) in R/A of Tal: T.G.Hyder (2006-07 Prog:) @</u>									
17	GGPS Kmamoon Lashari (Miscellaneous Work)		1.100		ADP	✓				
18	GGPS Abdul Salam Jagsi (Miscellaneous Work)		1.075		ADP	✓				
19	GPS Abdullah Khaskhely shifted from Syed Jafar Shah (Miscellaneous Work)		1.100		ADP	✓				
	<u>(ADP-232) Construction of Shelterless Primary Schools Tal: T.M.Khan (2007-08 Prog:) @</u>									
20	GPS Roshan Laghari (Miscellaneous Work)		1.100		ADP	✓				
21	GPS Mehmood Laghari (Miscellaneous Work)		1.080		ADP	✓				
22	GPS Kabhar Khan Laghari (Miscellaneous Work)		1.000		ADP	✓				
	<u>Rehabilitation & Expansion of High Priority '4560' Schools (Non-ADP)</u>									
	<u>Union Council Saeedpur</u>									
23	GGPS - SULEMAN SOOMRO		6.858		NON-ADP	✓				
24	GBPS - ABDULLAH DODO		4.775		NON-ADP	✓				
25	GBPS - RAKHRA		3.314		NON-ADP	✓				
26	GBHS - SULEMAN SOOMRO		1.170		NON-ADP	✓				

S. NO	Description of Procurement	Quantity where applicable	Estimated Unit Cost where applicable (in Million)	Funds Available (in Million)	Source of Funds ADP / Non ADP	Timing of Procurement				Remarks
						1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	
1	2	3	4	5	6	7	8	9	10	11
	<u>Union Council Jinhan Soomro</u>									
27	GBPS - DHANDHI		5.890		NON-ADP	✓				
	<u>Union Council Saeed Matto</u>									
28	GBPS - ILYAS GHIRANO		7.250		NON-ADP	✓				
29	GBPS - CHAUDARO		5.624		NON-ADP	✓				
	<u>Union Council Allahyar Turk @ Nukerji</u>									
30	GBPS - KAPOOR MORI		4.737		NON-ADP	✓				
	<u>Union Council Mullakatiar</u>									
31	GBHS - MULLA KATIAR		3.760		NON-ADP	✓				
	<u>Union Council Ghulam Shah Bagrani</u>									
32	GBPS - GHULAM MUHAMMAD RIND		6.675		NON-ADP	✓				
	<u>Union Council Nazarpur</u>									
33	GBPS - NAZAR PUR		4.400		NON-ADP	✓				
34	GBPS - HAJI MAHI KHASKHELI		5.484		NON-ADP	✓				
	<u>Union Council Dando</u>									
35	GBHS - DANDO		3.110		NON-ADP	✓				
	<u>Union Council Muncipat Committee T.M.K</u>									
36	GBPS - MAIN SCHOOL TANDO MOHAMMAD KHAN		3.313		NON-ADP	✓				
37	GBPS - ISLAMIA URDU		6.158		NON-ADP	✓				
38	GGPS - SHOUKAT COLONY		5.754		NON-ADP	✓				
39	GGPS - MUSHTARKA COLONY MAIN SHOUKAT COLONY		2.252		NON-ADP	✓				
40	GBPS - MUSHTARKA COLONY		1.800		NON-ADP	✓				
41	GBPS - BARRAGE COLONY		2.000		NON-ADP	✓				
42	GBHS - SOOMRA MOHALLA		6.173		NON-ADP	✓				
	<u>Union Council T.C T.M.K</u>									
43	GGHS - TANDO MUHAMMAD KHAN		8.573		NON-ADP	✓				
	<u>Union Council Tando Saindad</u>									
44	GBPS - MUHABAT BHURGHRI		5.424		NON-ADP	✓				
45	GBPS - NOORO MUHAJAR		3.650		NON-ADP	✓				
46	GBELS - BIJAR KHAN TALPUR		2.200		NON-ADP	✓				

S. NO	Description of Procurement	Quantity where applicable	Estimated Unit Cost where applicable (in Million)	Funds Available (in Million)	Source of Funds ADP / Non ADP	Timing of Procurement				Remarks
						1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	
1	2	3	4	5	6	7	8	9	10	11
	<u>Union Council Shaikh Bhirkio</u>									
47	GBPS - SHAIKH BHIRKIO		4.343		NON-ADP	✓				
	<u>Union Council Rajo Nizamani</u>									
48	GGPS - DARS MOHALLA RAJO NIZAMANI		3.562		NON-ADP	✓				
	<u>Union Council Lakhat</u>									
49	GBPS - ALI MUHAMMAD BAGRANI		1.700		NON-ADP	✓				
	<u>(ADP-299) Establishment of Single Section High Schools in Sindh (2008-09 Programme) @</u>									
50	GBHS Haji Muhammad Jat (Remaining Work)		6.287		ADP	✓				
	<u>(ADP-300) Upgradation of Middle Schools to High Schools & High Schools to Higher Secondary Schools (2007-08 Programme) @</u>									
51	GBMS Soomra Muhalla (Remaining Work)		5.600		ADP	✓				
52	GBMS Wasi Malook Shah (Balance Work)		5.500		ADP	✓				
53	GGMS Bhaledino Sathio		8.460		ADP	✓				
	<u>(Non-ADP) Introduction of Post-Graduate Classes in existing Degree College in Sindh (2007-08 Programme) @</u>									
54	Govt: Boys Mir Ghulam Ali Khan Talpur Degree College T.M.Khan		11.396		ADP	✓				
	<u>(ADP-297) Upgradation of Middle School to High Schools in Sindh (2008-09 Programme) @</u>									
55	GMS Nabi Bux Laghari (C/Wall)		1.200		ADP	✓				
56	<u>(ADP-484) Establishment of Govt: Boys/Girls Degree College in Sindh (2007-08 Programme) @ Govt: Boys Degree College B.S.Karim</u>									
	(i) First Floor		13.388		ADP	✓				
	(ii) Ground Floor		15.932		ADP	✓				
	(iii) External Development		7.463		ADP	✓				
	<u>M&R Programme (2016-17 Prog:)</u>									
57	Govt: Boys Mir Ghulam Ali Khan Talpur Degree College (Remaining Work)		4.000		M&R	✓				

EXECUTIVE ENGINEER
EDUCATION WORKS DIVISION
T.M.KHAN

SCHEDULE - B.

NAME OF WORK:- Introduction of Post-Graduate Classes in existing Degree College in Sindh (2007-08 Prog:) @ GBDC Mir Ghulam Ali Khan Talpur Govt: Boys Degree College T.M.Khan. (Post Graduate)

S.No	Description	MEASUREMENT				Quantity	Amount
		No.	Length	Width	Height/ Depth		
1	Excavation of foundation of building bridges and other structure i/c dagbelling dressing refilling around structure with excavated lead upto one chain and lift	1080.00	Sft	3176.25	% 0 Cft	Rs:	3430 /-
2	Cement Concret brick or stone ballast 1-1/2" to 2" guage	2374.00	Cft	9416.25	% Cft	Rs:	223542 /-
3	Pacea brick work in foundation or plinth in cement sand mortar 1:6 (S.I.No.	1013.00	Cft	11948.36	%.Cft	Rs:	121037
4	Filling watering and ramming earth in floor surplus earth from foundation lead upto one chain and lift upto 5'feet.(S.I.No:21/p-4).	720.00	Cft	1512.50	%.OCf	Rs:	1089 /-
5	Filling, watering, and ramming earth under floors with new earth excavated from outside lead upto 1 chain and lift upto 5'ft (S.I.NO:22/P-04).	4110.00	Cft	3630.00	%0.Cft	Rs:	14919 /-
6	Extra lead for 06 miles.	4110.00	Cft	771.96	%.Cft	Rs:	31728 /-
7	Cement Plaster 1:6 upto 20 ft. hight 1/2" thick (S.I.No. 13(b)/P-51)	2700.00	S.ft	2206.60	%.Sft	Rs:	59578 /-
8	Cement Plaster 1:4 upto 20 ft. hight 3/8" thick (S.I.No. 11(a)/P - 51)	2700.00	S.ft	2197.52	%.Sft	Rs:	59333 /-
9	Providing & Fixing printed glazed porceline Tile 24"x24 x1/4 " on floor or wall cacing in required colour & patterns in white cement & pigment over a base of 1:2 grey cement mortar 3/4" thick i/c washing and filling of joints with slurry of white cement and pigment in desired shape with finishing						

cleaning & cost of wax polish in/c cutting tiles to proper profile. (R. A).

1681.00 S.ft 323.00 P.Sft Rs: 542963 /-

- 10 Laying floor of approved with glazed tiles 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 (S.I No 24/P-47)

84.00 S.ft 27678.86 %Sft Rs: 23250

- 11 With glazed tiles 1/4" thick dedoo jointed white cement and over 1:2 cement sand mortar 3/4" thick i/c finishing (S.I.NO:37/P-50).

305.00 S.ft 28253.61 %Sft Rs: 86174

- 12 Providing and laying tiles glazed 6"x6"1/4" on floor or wall facing in required colour and apttern of STEILE specification jointed in with cement and pigment over abase of 1:2 grey cement mortar 3/4" thick i/c washing and filling of joints of white cement and pigment in desired shape with finishing. clearing and cost of wax polish etc. complete cutting. (S.I.No:

2108.00 S.ft 30509.77 % Sft Rs: 643146 /-

- 13 Providing and laying 1" thick topping cement concrete 1:2:4 i/c surface finishing and dividing into panells.(S.I.No:16(d)/p-41).

2" thick Topping.

16195.00 S.ft 3275.50 %Sft Rs: 530467 /-

3" thick Topping.

1856.00 S.ft 4411.82 %Sft Rs: 81883 /-

- 14 First class deodar wood wrought joinery in doors & windows fixed in position with chowkads i/c cleats cords hooks iron tower bolts hinges holds fasts deodar panelled or glazed or fully glazed 1-3/4" thick (S.I.No7/(b)P-57)

580.00 Sft 902.93 P.Sft Rs: 523699

- 15 Painting new surface preparing surface and door & window any type i/c edges. (S.I.No.5(c) / P-76)

5959.00 S.ft 2116.41 % Sft Rs: 126117 /-

- 16 Providing & laying floor for VERONA Marble Tiles of size 12"x12"x3/4" find dressed on the surface without winding set in white cement laid over 3/4" thick bed of 1:2 grey cement mortar setting the tiles with grey cement sulurry. Jointing & washing the tiles with sulurry of white cement & pigment to match the colour of tiles. i/c

	6076.00	Sft	310.43	P.Sft	Rs: 1886173
17	S/F iron steel grill of 3/4" and 1/4" size flate iron of approved design i/c painting 3 coats etc. complete(weight not less than 3.7 Lb./ Sq: ft:				
	3040.00	Sft	194.16	P.Sft	Rs: 590246
18	Providing and fixing cement paving blocks flooring having siz 197x97x80(mm) of city quddar cobble shape with pigmented having strength b/w 5000 psi ti 8500psi u/c filling the joints with hill sand and laying specified manner /pattern and design etc complete (S.I.No. 73/P-				
	2160.00	Sft	223.97	P.Sft	Rs: 483775
19	White washing 03 coats (S.I.No. 26/(c)P-53).				
	25209.00	S.ft	829.95	%.Sft	Rs: 209222 /-
20	Preparing the surface and painting with matt finished i/c rubbing i/c rubbing the surface with Bathy (Silivon) carbide rubbing brick filling the voids with zink /chalk / plaster of paris of paris mixture applying first coat premixt the surface smooth and than painting 03 coats with matt finish the approved name etc complete (new surface 03 coats). (S.I.No. 36/P-61).				
	39591.00	S.ft	3444.48	%.Sft	Rs: 1363704 /-
21	Water profing of roof by means of chemical by using letex solution by applying 1st coat of unibond 2060 adhesive, 2nd coat of Aqua seal 2010/11 3rd coat of uni-bond+Aqua seal mixture than filling thecracks with softex chemical and applying 100% canvas cloth with unibond coat once again filling the jointof canvascloth with softex chemical and applying 2/3 coats as per requirement of aqua seal to have rubber like surface etc complete as directed by Engineer				
	16195.00	Sft	101.00	P.Sft	Rs: 1635695 /-
22	Preparing the surface and painting with weather coat i/c rubbing the surface with rubbing brick / sand paper filling the voids with chalk/ plaster of paris and then painting the weather coat of approved make (New surface 03				
	13687.00	S.ft	2567.95	%.Sft	Rs: 351475 /-

Total : -

Rs: 9592646 /-

N.S

574691/-

S.

9017956/-

SHCHEDULE - B.

NAME OF WORK:- ADP-484 ESTABLISHMENT OF GOVERNMENT BOYES DEGRE COLLEGE IN
SINDH AT BLURI SHAH KARIUM DISTRICT T.M.KHAN.(Ground Floor).

S.No	Description	Quantity	Rate.	Unit	Amount.
01	Excavation of foundation of building bridges and other structure i/c dagbelling dressing refilling around structure with excavated lead upto one chain and lift upto 5' feet.(S.I.NO:18(b)P-4).	135.00	Cft	3176.25	% OCft Rs: 4288 /-
02	Cement Concret brick or stone ballast 1-1/2" to 2" guage Ratio1:4:8. (S.I.No:4/B/P-14).	998.00	Cft	9416.28	%.Cft Rs: 93974 /-
04	R.C.C. work i/c all labour and material except the cost of steel reinforcement and its labour for bending binding which will be paid separately. This rate also i/c all kinds of forms moulds lifting shuttering curing rendering washing of shingle surface. (a) R.C.C work in roof slabs, beams, columns, rafts, lintels and other structural members laid in situ or precast laid in position, complete in all respects Ratio 1:2:4 (S.I No 6/p -18).	1005.00	P.Cft	337.00	P.Cft Rs: 338685 /-
05	Add extra labour for laying concrete or reinforced For 1st floor.(S.I.No. 6/ P- 16)	1005.00	P.Cft	12.10	P.Cft Rs: 12161 /-
06	Fabrication of mild steel reinforcement for R.C.C i/c its labour for cutting bending binding and laying in position making joints and fastening i/c the cost of binding wire also removal of rust from bars (S.I.No. 8/ P- 16)	49.35	Cwt	5001.70	P.Cwt Rs: 246834 /-
07	Extra labour for Lifting of steel above 1st floor for every additional floor.(S.I.No. 29/ P- 19)	49.35	P.Cft	151.25	P.cwt Rs: 7464 /-
08	Pacca brick work in Ground Floor i/c stricking of joints upto 20 ft: hieght in cement sand mortor ratio 1:6 (S.I. No. 5/(I E)P-20)	4445.00	Cft	12674.36	%.Cft Rs: 563375 /-
09	Extra labour for Brick work.(S.I.No. 6/ P- 22) For 1st floor	6051.00	P.Cft	438.63	%.Cft Rs: 26542 /-
10	Applying floating coat of Hi bond (Universal) as a bond coat or as an adhesive link between old and fresh concrete or plaster as directed by Engineer Incharge (S.I.No. 13 (i) / P- 52)	1789.00	S.ft	1029.05	%.Sft Rs: 18410 /-

S.No	Description	Quantity	Rate.	Unit	Amount.
11	Applying floating coat of cement 1/32" thick (S.I.No. 14(i) / P-53)	59295.00 S.ft	660.00	%Sft	Rs: 391347 /-
12	Cement Plaster 1:6 upto 20 ft. hight 1/2" thick (S.I.No. 13(b)/P-51)	59295.00 S.ft	2206.60	%Sft	Rs: 1308403 /-
13	Cement Plaster 1:4 upto 20 ft. hight 3/8" thick (S.I.No. 11(a)/P - 51)	59295.00 S.ft	2197.52	%Sft	Rs: 1303019 /-
14	Extra For lime mud or cement plaster and pointing from 12' and above (For each additional 10'Hieght) (S.I.No. 25/P - 54)	118589.00 S.ft	190.58	%Sft	Rs: 226007 /-
15	Cement Plaster 1:4 upto 20 ft. hight 3/4" thick (S.I.No. 11(c)/P - 51)	312.00 S.ft	3015.76	%Sft	Rs: 9409 /-
16	Extra labour rate for making Cement Plaster pattas/band around staright or carved openings and around the edges of roof slabs the width not less than 6" with fine finishing as derected by Engineer Incharge. (S.I.No. 35/P - 55)	624.00 R.ft	19.36	R.ft	Rs: 12081 /-
17	Cement Neru Plaster 1:2 cement and sand (b) 1/2" thick (S.I.No. 11(e)/P - 51)	3854.00 S.ft	1438.46	%S.ft	Rs: 55438 /-
18	Providing and fixing chowkhats of size 7"x2" for 1-1/2"x 3" for window using 20 guage G.I.Sheet i/c welded hinges & fixing at site with necessary hood fasts filling with cement sand sullrry of ratio 1:6 and repairing the jambs the cost also i/c all carriage tools & plants unsed in making & fixing for Door Chowkhats / Window chowkhats(S.I.No. 28/P-92)				
	<u>DOOR CHOWKATS</u>	625.00 Rft	228.90	P.Rft	Rs: 143063 /-
	<u>WINDOW CHOWKATS</u>	1769.00 Rft	240.50	P.Rft	Rs: 425445 /-
19	Providing & laying floor for VERONA Marble Tiles of size 12"x12"x3/4" find dressed on the surface without winding set in white cement laid over 3/4" thick bed of 1:2 grey cement mortar setting the tiles with grey cement sulurry. Jointing & washing the tiles with sulurry of white cement & pigment to match the colour of tiles. i/c curring granding, rubbing & chemical polishing etc complete etc i/c cutting tiles to proper file . (R. A).	6503.00 S.ft	310.43	P.Sft	Rs: 2018726 /-
20	laying White Marble flooring fine dressed on the surface without winding set in lime mortar 1:2 i/c rubbing and polishing of the joints (a) 1" thick flooring . (S.I.No:28 (b)-P.NO:43).	560.00 S.ft	628.93	P.Sft	Rs: 352201 /-

S.No	Description	Quantity	Rate.	Unit	Amount.	
21	Providing & Fixing staircase/Terrace railing with 1 1/2" DIA STEEL PIPE @ 2'-0 C/C Vertically and on top railing with 04Nos 5/8" dia pipe horizontally between main pipe posts as per required design.embedded properly in RCC work by means of iron lugs welded with MS rods, complete as per drawing. specification and satisfaction of the Architect upto any height in any floor (R.A).	288.00	S.ft	681.04	P.Sft	Rs: 196140 /-
22	Galvanized wire gauge 144 mesh per square inch of 22 S.W.G fixed to chowkats without deodar patti (S.I.N:62/P.No:66).	828.00	S.ft	104.15	P.Sft	Rs: 86236 /-
23	First class deodar wood wrought joinery in doors & windows fixed in position with chowkads i/c cleats cords hooks iron tower bolts hinges holds fasts deodar panelled or glazed or fully glazed 1-3/4" thick (S.I.No7/(b)P-57)	1416.00	S.ft	902.93	P.Sft	Rs: 1278549 /-
24	First class deodar wood wrought joinery work in wire gauze door and windows with 22 S.W.G Galvanized wire jgauze 144 mesh per square inch iron fitting complete. (C) Galvanized wire gauze fixed with 1/2" strips on separate 2" x 2" deodar wood frame.(S.I.No. 14(C)/P-59)	362.00	S.ft	575.61	P.Sft	Rs: 208371 /-
25	Applying chemical polishing on existing mosaic / Marble flooring / dado including cleaning, grinding with carborandum stone / sand paper and applying chemical polish as per required. (S.I.No. 70 /P- 48).	10706.00	S.ft	36.60	P.Sft	Rs: 391840 /-
26	Cost Iron rain water down pipe fixed in place excluding heads and shoes but i/c painting and clampes etc.(b) 3" dia cast iron down pipe (S.I.No. 69 /P- 49).	120.00	R.ft	420.56	P.rft	Rs: 50467 /-
27	Kapriel (manglore) Tiles 15"x8"x1-1/2" of approved desghn shape liad flat in 1:2 gray cement motor over a bed of 3/4" of thick cement motar 1:2 (S.I.No. 70 /P- 48).	5350.00	S.ft	3645.65	%.Sft	Rs: 195042 /-
28	Laying floor of approved with glazed tiles 1/4" thick in white cement 1:2 over 3/4" thick cement mortor 1:2 (S.I No 24/P-47)	980.00	S.ft	27678.86	%.Sft	Rs: 271253
29	With glazed tiles 1-4" thick dedoo jointed white cement and over 1:2 cement sand mortor 3-4"thick i/c finishing (S.I.NO:37/P-50).	3120.00	S.ft	28253.61	%.Sft	Rs: 881513
30	S/F iron steel grill of 3/4" and 1/4" size flate iron of approved design i/c painting 3 coats etc. complete(weight not less than 3.7 Lb./ Sq: ft: of finished grill) (S.I.No.30/P-93)	1221.00	S.ft	194.16	P.Sft	Rs: 237069 /-

S.No	Description	Quantity	Rate.	Unit	Amount.	
31	S/F in position alluminium channels framing for slidding window and ventilators of alcop made with 5mm thick tinted glass glazing (belgium) & Alluminium fly screen i/c handels stoppers & locking arrangment etc complete (b) delux model (Bronze) (S.I.No.84/b/P-108)	64.00	S.ft	1647.69	P.Sft	Rs: 105452 /-
32	S/F iron steel grill door with angle iron frame of 1 1/2" x 1 1/2" x 1/4" and flate iron of 3/4" x 1/4" with approved design and locking arrangement embeded in masonry as per instruction of enineer incharge (S.I.No.32/P-94)	192.00	S.ft	231.60	P.sft	Rs: 44467 /-
33	Providing and laying 3" thick topping cement concrete 1:2:4 i/c surface finishing and dividing into panells.(S.I.No:16(d)/p-41).					
(B)	<u>2" Thick</u>	21183.00	S.ft	3275.50	%.Sft	Rs: 693849 /-
34	White washing 03 coats (S.I.No. 26/(c)P-53).	28572.00	S.ft	829.95	%.Sft	Rs: 237133 /-
35	Primary coat of chalk under distemper (S.I.No.23/P-53)	53918.00	S.ft	442.75	%.Sft	Rs: 238722 /-
36	Distemping 03 coats . (S.I.No. 24(b)/P-60)	33739.00	S.ft	1079.65	%.Sft	Rs: 364263 /-
37	Perparing the surface and painting with weather coat i/c rubbing the surface with rubbing brick/ sand paper, filling the voids with chalk/plaster of paris and then painting with weather coat of approved make. (S.I.No. 38/P-56).	13620.00	S.ft	2567.95	%.Sft	Rs: 349755 /-
38	Providing Anti- termmite treatment by spraying /sprinkling /spreading Netachlar 0.5% Emulsion as an overall pre-construction treatment in slab type construction under the slab and along attached perches or entrances etc complete as per direction of Engineer Incharge (S.I.No. 92/P-109).	9063.00	S.ft	9.74	P.Sft	Rs: 88274 /-
39	Painting new surface preparing surface and door & window any type i/c edges. (S.I.No.5(c) / P-76)	26320.00	S.ft	2116.41	%.Sft	Rs: 557039 /-
				Total	Rs:	14032305 /-
				N.S.I	Rs:	2214866 /-
				S.I	Rs:	11817439 /-

SHCHEDULE - B.

NAME OF WORK:- ADP-484 ESTABLISHMENT OF GOVERNMENT BOYES DEGRE COLLEGE IN
SINDH AT BLURI SHAH KARIUM DISTRICT T.M.KHAN. (EXTERNAL
DEVELOPMENT).

S.No	Description	Quantity	Rate.	Unit	Amount.
01	Excavation of foundation of building bridges and other structure i/c dagbelling dressing refilling around structure with excavated lead upto one chain and lift upto 5' feet.(S.I.NO:18(b)P-4).	4119.00	Cft	3176.25	%OCft Rs: 130830 /-
02	Cement Concret brick or stone ballast 1-1/2" to 2" guage Ratio1:4:8. (S.I.No:4/B/P-14).	16813.00	Cft	9416.28	%Cft Rs: 1583159 /-
03	Pacca brick work in foundation or plinth in cement sand mortar 1:6 (S.I.No. 04/E/P-24)	2882.00	Cft	11948.36	%Cft Rs: 344352
04	Filling, watering, and ramming earth under floors with new earth excavated from outside lead upto 1 chain and lift upto 5'ft (S.I.NO:22/P-04).	119754.00	Cft	3630.00	%0.Cft Rs: 434707 /-
05	Extra lead for 06 miles.	119754.00	Cft	771.96	%Cft Rs: 924453 /-
06	R.C.C. work i/c all labour and material except the cost of steel reinforcement and its labour for bending binding which will be paid separately. This rate also i/c all kinds of forms moulds lifting shuttering curing rendering washing of shingle surface. (a) R.C.C work in roof slabs, beams, columns, rafts, lintels and other structural members laid in situ or precast laid in position, complete in all respects Ratio 1:2:4 (S.I No 6:p -18).	138.00	P.Cft	337.00	P.Cft Rs: 46506 /-
07	Fabrication of mild steel reinforcement for R.C.C i/c its labour for cutting bending binding and laying in position making joints and fastening i/c the cost of binding wire also removal of rust from bars (S.I.No. 8 P- 16)	6.78	Cwt	5001.70	P.Cwt Rs: 33912 /-
08	Pacca brick work in Ground Floor i/c striking of joints upto 20 ft: hieght in cement sand mortar ratio 1:6 (S.I. No. 5/(1 E)P-20)	331.00	Cft	12674.36	%Cft Rs: 41952 /-
09	Cement Plaster 1:6 upto 20 ft. hight 1/2" thick (S.I.No. 13(b)P-51)	882.00	S.ft	2206.60	%Sft Rs: 19462 /-
10	Cement Plaster 1:4 upto 20 ft. hight 3/8" thick (S.I.No. 11(a)P - 51)	882.00	S.ft	2197.52	%Sft Rs: 19382 /-

S.No	Description	Quantity	Rate.	Unit	Amount.
11	Cement Plaster 1:4 upto 20 ft. hight 3/4" thick (S.I.No. 11(c)/P - 51)	1623.00	S.ft	3015.76	%Sft Rs: 48946 /-
12	Coloured cement tiles (Patten) 8" x 8" x 3/4" of approved shade & Pattern laid flate in 1:2 grey cement mortar 1:2 (S.I.No. 42/P - 45)	1623.00	S.ft	10964.99	%Sft Rs: 177962 /-
13	Providing and fixing cement paving blocks flooring having siz 197x97x80(mm) of city quddar cobble shape with pigmented having strength b/w 5000 psi ti 8500psi u/c filling the joints with hill sand and laying specified manner pattern and design etc complete (S.I.No. 73/P-49).	5667.00	S.ft	223.97	P.Sft Rs: 1269238 /-
14	Providing and fixing chowkhats of size 7"x2" for 1-1/2"x 3" for window using 20 guage G.I.Sheet i/c welded hinges & fixing at site with necessary hood fasts filling with cement sand sullry of ratio 1:6 and repairing the jambs the cost also i/c all carriage tools & plants used in making & fixing for Door Chowkhats Window chowkhats(S.I.No. 28/P-92)				
	<u>DOOR CHOWKATS</u>	93.00	Rft	228.90	P.Rft Rs: 21288 /-
	<u>WINDOW CHOWKATS</u>	83.00	Rft	240.50	P.Rft Rs: 19962 /-
15	First class deodar wood wrought joinery in doors & windows fixed in position with chowkads i/c cleats cords hooks iron tower bolts hinges holds fasts deodar panelled or glazed or fully glazed 1-3/4" thick (S.I.No7 (b)P-57)	75.00	S.ft	902.93	P.Rft Rs: 67720 /-
16	Providing and laying 3" thick topping cement concrete 1:2:4 i/c surface finishing and dividing into panells.(S.I.No:16(d) p-41).				
	<u>2" Thick</u>	17978.00	S.ft	3275.50	%Sft Rs: 588869 /-
17	White washing 03 coats (S.I.No. 26(c)P-53).	1509.00	S.ft	829.95	%Sft Rs: 12524 /-
18	Primary coat of ehalk under distemper (S.I.No.23 P-53)	882.00	S.ft	442.75	%Sft Rs: 3905 /-
19	Mat Finish 03 coats . (S.I.No. 24(c)/P-53)	882.00	S.ft	3444.38	%Sft Rs: 30379 /-
20	Painting new surface preparing surface and door & window any type i/c edges. (S.I.No.5(c) / P-76)	152.00	S.ft	2116.41	%Sft Rs: 3217 /-
				Total	Rs: 5822724 /-
				N.S.I	Rs: 1269238 /-
				S.I	Rs: 4553486 /-

SCHEDULE - B.

NAME OF WORK:- Maintenance and Repair of Government Boys Degree College Mir Ghulam Ali Talpur Taluka T.M.Khan District T.M.Khan.

S.No	Description	Quantity	Rate.	Unit	Amount	
1	Dismantling brick work in lime or cement mortar (S.I.No.13/P-10).	423	Cft	1285.63	% Cft	5438
2	Dismantling cement concrete reinforced separating reinforcement for cleaning and sarighening the same (S.I.No.20/P-10).	75	Cft	5445.00	% Cft	4084
3	Pacca Brick work in other than Building i/c striking of joints upto 20" ft: height in cement sand	423	Cft	12346.65	% Cft	52226
4	Cement Plaster 1:6 upto 20 ft. high 1 2" thick (S.I.No. 13(b)'P - 57)	1578	Sft	2206.60	% Sft	34820
5	Cement Plaster 1:4 upto 20 ft. high 3/8" thick (S.I.No. 11(a)'P - 57)	1578	Sft	2197.52	% Sft	34677
6	R.C.C. work i/c all labour and material except the cost of steel reinforcement and its labour for bending binding which will be paid separately. This rate also i/c all kinds of forms moulds lifting shuttering curing rendering washing of shingle surface. (a) R.C.C work in roof slabs, beams, columns, rafts, lintels and other structural members laid in situ or precast laid in position, complete in all respects Ratio 1:2:4 (S.I No 6'p - 18).	75.00	P.Cft	337.00	P.Cft	25275
7	Fabrication of mild steel reinforcement for R.C.C i/c its labour for cutting bending binding and laying in position making joints and fastening i/c the cost of binding wire also removal of rust from bars (S.I.No. 7/ P- 19)	3.68	Cwt	5001.70	P.Cwt	18406
8	Scrapping (b) Ordinary distemper, oil bound distemper or paint on walls. (S.I.No. 54a/P-13).	3391.0	Sft	226.88	% Sft	7694

S.No	Description	Quantity	Rate.	Unit	Amount	
9	First class deodar wood wrought joinery in doors & windows fixed in position with chowkads i/c cleats cords hooks iron tower bolts hinges holds fasts deodar panelled or glazed or fully glazed 1-3/4" thick (S.I.No7/P-64)	495.00	S.ft	902.93	P.Sft	446950 /-
10	S/F iron steel grill of 3/4" and 1/4" size flate iron of approved design i/c painting 3 coats etc. complete(weight not less than 3.7 Lb./ Sq: ft: of finished grill) (S.I.No.26/P-97)	115.00	S.ft	194.16	P.Sft	22328 /-
	Hard wood railing of any shape and design i/c bends and corners fixed in position including polishing complete as directed. (a) Shisham wood. (S.I.No. 30//P- 61).	75.00	Rft	375.78	P.Rft	28184 /-
	P/F wall paneling with lassani sheet 3/4" thick and teak ply in/c frame work of partal wood 2"x 1" & fixing lasani sheet & then teak ply in approved design and texture including all cost of labour making & cartage etc complete .	2810.00	S.ft	445.00	P.Sft	1250450 /-
	Supplying and fixing inposition Aluminium channels framing for slidding windows & ventilators of Alcopms made with 5 mm thick tinted glass glazing (Belgium) and Aluminium fly screen i/c handles, stoppers & locking arrangment etc complete. (b) Deluxe model (Bronze) (S.I.No. 84/P-107).	118.00	S.ft	1647.69	P.Sft	194427 /-
12	Providing and fixing false ceiling of thermopile in panels of required design and size i/c frame work of Almuminum T- section hanged with nail wire to ceiling etc complete. (S.I.No. 43 /P- 53)	2735.00	Sft	91.50	P.Sft	250253 /-
13	White washing 03 coats (S.I.No. 26 (c)P-53).	2304.00	S.ft	829.95	%.Sft	19122 /-
14	Primary coat of chalk under distemper (S.I.No.23/P-53)	1578.00	S.ft	442.75	%.Sft	6987 /-
15	Distemping 03 coats . (S.I.No. 24(b)/P-60)	1638.00	S.ft	1079.65	%.Sft	17685 /-
16	Preparing the surface and painting with matt finished i/c rubbing i/c rubbing the surface with Bathy (Silyon) carbide rubbing brick filling the voids with zink /chalk / plaster of paris of paris mixture applying first coat premixt the surface smooth and than painting 03 coats with matt finish the approved mame etc complete (new surface 03 coats). (S.I.No. 36 P-61).	3191.00	S.ft	3444.38	%.Sft	109910 /-

S.No	Description	Quantity	Rate.	Unit	Amount
17	Painting new surface preparing surface and door & window any type i/c edges. (S.I.No.5(c) / P-76).	1262.00	S.ft	2116.41	%Sft 26709 /-
18	Asbestos cement corrugated sheet roofing including necessary over laps and G.I. hook bolts nuts screws washers and bitumen washers etc (excluding valleys and ridges etc).(S.I.No. 28/P-36).	640.00	S.ft	12141.25	%Sft 77704 /-
19	Cement Concret plain including placing compacting finishing and curing, complete i/c screening and washing at stone aggregate without shuttering ratio 1:3:6. (S.I.No:5/h/P-16).	670.00	Cft	12595.00	%Cft 84387
20	Providing & Fixing printed Glazed Proceline tile 18"18" finished in white cement of laid over a bed of 1/2" thick gray cement sand mortar ratio 1"3 using / filling of joints with white cement etc. (R. A.).	3036.00	S.ft	323.00	P.Sft 980628 /-
Total:-					3698343
N.S.I.					980628 /-
S.I.					2717715 /-

SHCHEDULE - B.

NAME OF WORK:- ADP-484 ESTABLISHMENT OF GOVERNMENT BOYES DEGRE COLLEGE IN
SINDH AT BLURI SHAH KARIUM DISTRICT T.M.KHAN.(1ST FLOOR).

S.No	Description	Quantity	Rate.	Unit	Amount.
01	Excavation of foundation of building bridges and other structure i/c dagbelling dressing refilling around structure with excavated lead upto one chain and lift upto 5' feet.(S.I.NO:18(b)P-4).	135.00	Cft	3176.25	%OCft Rs: 4288 /-
02	Cement Concret brick or stone ballast 1-1/2" to 2" guage Ratio1:4:8. (S.I.No:4/B/P-14).	998.00	Cft	9416.28	%.Cft Rs: 93974 /-
04	R.C.C. work i/c all labour and material except the cost of steel reinforcement and its labour for bending binding which will be paid separately. This rate also i/c all kinds of forms moulds lifting shuttering curing rendering washing of shingle surface. (a) R.C.C work in roof slabs, beams, columns, rafts, lintels and other structural members laid in situ or precast laid in position, complete in all respects Ratio 1:2:4 (S.I No 6/p -18).	1005.00	P.Cft	337.00	P.Cft Rs: 338685 /-
05	Add extra labour for laying concrete or reinforced For 1st floor.(S.I.No. 6/ P- 16)	1005.00	P.Cft	12.10	P.Cft Rs: 12161 /-
06	Fabrication of mild steel reinforcement for R.C.C i/c its labour for cutting bending binding and laying in position making joints and fastening i/c the cost of binding wire also removal of rust from bars (S.I.No. 8/ P- 16)	49.35	Cwt	5001.70	P.Cwt Rs: 246834 /-
07	Extra labour for Lifting of steel above 1st floor for every additional floor.(S.I.No. 29/ P- 19)	49.35	P.Cft	151.25	P.cwt Rs: 7464 /-
08	Pacca brick work in Ground Floor i/c striking of joints upto 20 ft: hieght in cement sand mortor ratio 1:6 (S.I. No. 5 (1 E)P-20)	4445.00	Cft	12674.36	%.Cft Rs: 563375 /-
09	Extra labour for Brick work.(S.I.No. 6/ P- 22) For 1st floor	6051.00	P.Cft	438.63	%.Cft Rs: 26542 /-
10	Applying floating coat of Hi bond (Universal) as a bond coat or as an adhesive link between old and fresh concrete or plaster as directed by Engineer Incharge (S.I.No. 13 (i) / P- 52)	1789.00	S.ft	1029.05	%.Sft Rs: 18410 /-

S.No	Description	Quantity	Rate.	Unit	Amount.
11	Applying floating coat of cement 1/32" thick (S.I.No. 14(i) / P-53)	59295.00 S.ft	660.00	%S.ft	Rs: 391347 /-
12	Cement Plaster 1:6 upto 20 ft. hight 1/2" thick (S.I.No. 13(b)/P-51)	59295.00 S.ft	2206.60	%S.ft	Rs: 1308403 /-
13	Cement Plaster 1:4 upto 20 ft. hight 3/8" thick (S.I.No. 11(a)/P - 51)	59295.00 S.ft	2197.52	%S.ft	Rs: 1303019 /-
14	Extra For lime mud or cement plaster and pointing from 12' and obove (For each additional 10'Hieght) (S.I.No. 25/P - 54)	118589.00 S.ft	190.58	%S.ft	Rs: 226007 /-
15	Cement Plaster 1:4 upto 20 ft. hight 3/4" thick (S.I.No. 11(c)/P - 51)	312.00 S.ft	3015.76	%S.ft	Rs: 9409 /-
16	Extra labour rate for making Cement Plaster pattas/band around staright or carved openings and around the edges of roof slabs the width not less than 6" with fine finishing as derected by Engineer Incharge. (S.I.No. 35/P - 55)	624.00 R.ft	19.36	R.ft	Rs: 12081 /-
17	Cement Neru Plaster 1:2 cement and sand (b) 1/2" thick (S.I.No. 11(c)/P - 51)	3854.00 S.ft	1438.46	%S.ft	Rs: 55438 /-
18	Providing and fixing chowkhats of size 7"x2" for 1-1/2"x 3" for window using 20 guage G.I.Sheet i/c welded hinges & fixing at site with necessary hood fasts filling with cement sand sullry of ratio 1:6 and repairing the jambs the cost also i/c all carriage tools & plants used in making & fixing for Door Chowkhats / Window chowkhats(S.I.No. 28/P-92)				
	<u>DOOR CHOWKATS</u>	625.00 Rft	228.90	P.Rft	Rs: 143063 /-
	<u>WINDOW CHOWKATS</u>	1769.00 Rft	240.50	P.Rft	Rs: 425445 /-
19	Providing & laying floor for VERONA Marble Tiles of size 12"x12"x3/4" find dressed on the surface without winding set in white cement laid over 3/4" thick bed of 1:2 grey cement mortor setting the tiles with grey cement sulurry. Jointing & washing the tiles with sulurry of white cement & pigment to match the colour of tiles. i/c curring granding, rubbing & chemical polishing etc complete etc i/c cutting tiles to proper file . (R. A).	6503.00 S.ft	310.43	P.Sft	Rs: 2018726 /-
20	laying White Marble flooring fine dressed on the surface without winding set in lime mortar 1:2 i/c rubbing and polishing of the joints (a) 1" thick flooring . (S.I.No:28 (b)/-P.NO:43).	560.00 S.ft	628.93	P.Sft	Rs: 352201 /-

S.No	Description	Quantity	Rate.	Unit	Amount.	
21	Providing & Fixing staircase/Terrace railing with 1 1/2" DIA STEEL PIPE @ 2'-0 C/C Vertically and on top railing with 04Nos 5/8" dia pipe horizontally between main pipe posts as per required design, embedded properly in RCC work by means of iron lugs welded with MS rods, complete as per drawing, specification and satisfaction of the Architect upto any height in any floor (R.A).	288.00	S.ft	681.04	P.Sft	Rs: 196140 /-
22	Galvanized wire gauge 144 mesh per square inch of 22 S.W.G fixed to chowkats without deodar patti (S.I.N:62/P.No:66).	828.00	S.ft	104.15	P.Sft	Rs: 86236 /-
23	First class deodar wood wrought joinery in doors & windows fixed in position with chowkads i/c cleats cords hooks iron tower bolts hinges holds fasts deodar panelled or glazed or fully glazed 1-3/4" thick (S.I.No7/(b)P-57)	1416.00	S.ft	902.93	P.Sft	Rs: 1278549 /-
24	First class deodar wood wrought joinery work in wire gauze door and windows with 22 S.W.G Galvanized wire jgauge 144 mesh per square inch iron fitting complete. (C) Galvanized wire gauze fixed with 1/2" strips on separate 2" x 2" deodar wood frame.(S.I.No. 14(C)/P-59)	362.00	S.ft	575.61	P.Sft	Rs: 208371 /-
25	Applyinbg chemical polishing on existing mosaic / Marble flooring / dado including cleaning, grinding with carborandum stone / sand paper and applying chemical polish as per required. (S.I.No. 70 /P- 48).	10706.00	S.ft	36.60	P.Sft	Rs: 391840 /-
26	Cost Iron rain water down pipe fixed in place excluding heads and shoes but i/c painting and clampes etc.(b) 3" dia cast iron down pipe (S.I.No. 69 /P- 49).	120.00	R.ft	420.56	P.rft	Rs: 50467 /-
27	Kapriel (manglore) Tiles 15"x8"x1-1/2" of approved desghn shape liad flat in 1:2 gray cement motor over a bed of 3-4" of thick cement motar 1:2 (S.I.No. 70 /P- 48).	5350.00	S.ft	3645.65	%Sft	Rs: 195042 /-
28	Laying floor of approved with glazed tiles 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 (S.I No 24/P-47)	980.00	S.ft	27678.86	%Sft	Rs: 271253
29	With glazed tiles 1-4" thick dedoo jointed white cement and over 1:2 cement sand mortar 3/4"thick i/c firishing (S.I.NO:37/P-50).	3120.00	S.ft	28253.61	%Sft	Rs: 881513
30	S F iron steel grill of 3/4" and 1/4" size flate iron of approved design i/c painting 3 coats etc. complete(weight not less than 3.7 Lb. Sq: ft: of finished grill) (S.I.No.30/P-93)	1221.00	S.ft	194.16	P.Sft	Rs: 237069 /-

S.No	Description	Quantity	Rate.	Unit	Amount.
31	S/F in position alluminium channels framing for slidding window and ventilators of alcop made with 5mm thick tinted glass glazing (belgium) & Alluminium fly screen i/c handels stoppers & locking arrangement etc complete (b) delux model (Bronze) (S.I.No.84/b/P-108)	64.00	S.ft	1647.69	P.Sft Rs: 105452 /-
32	S/F iron steel grill door with angle iron frame of 1 1/2" x 1 1/2" x 1/4" and flate iron of 3/4" x 1'4" with approved design and locking arrangement embeded in masonry as per instruction of enineer incharge (S.I.No.32 P-94)	192.00	S.ft	231.60	P.sft Rs: 44467 /-
33	Providing and laying 3" thick topping cement concrete 1:2:4 i/c surface finishing and dividing into panells.(S.I.No:16(d)/p-41).				
(B)	<u>2" Thick</u>	21183.00	S.ft	3275.50	%.Sft Rs: 693849 /-
34	White washing 03 coats (S.I.No. 26 (c)P-53).	28572.00	S.ft	829.95	%.Sft Rs: 237133 /-
35	Primary coat of chalk under distemper (S.I.No.23/P-53)	53918.00	S.ft	442.75	%.Sft Rs: 238722 /-
36	Distemping 03 coats . (S.I.No. 24(b)/P-60)	33739.00	S.ft	1079.65	%.Sft Rs: 364263 /-
37	Perparing the surface and painting with weather coat i/c rubbing the surface with rubbing brick/ sand paper, filling the voids with chalk/plaster of paris and then painting with weather coat of approved make. (S.I.No. 38/P-56).	13620.00	S.ft	2567.95	%.Sft Rs: 349755 /-
38	Providing Anti- termite treatment by spraying /sprinkling /spreading Netachlar 0.5% Emulsion as an overall pre-construction treatment in slab type construction under the slab and along attached perches or entrances etc complete as per direction of Engineer Incharge (S.I.No. 92/P-109).	9063.00	S.ft	9.74	P.Sft Rs: 88274 /-
39	Painting new surface preparing surface and door & window any type i/c edges. (S.I.No.5(c) / P-76)	26320.00	S.ft	2116.41	%.Sft Rs: 557039 /-
				Total	Rs: 14032305 /-
				N.S.I	Rs: 2214866 /-
				S.I	Rs: 11817439 /-

SCHEDULE - B.

NAME OF WORK:- (ADP- 161/254) ESTABLISHMENT OF SINGLE SECTION SECTION HIGH SCHOOL IN SINDH (2008-09 PROG:) AT GBHS HAJI MOHAMMAD JAT TALUKA B.S.KARIM DISTRICT T.M.KHAN

S.No	Description	Quantity	Rate.	Unit	Amount	
1	R.C.C. work i/c all labour and material except the cost of steel reinforcement and its labour for bending binding which will be paid separately. This rate also i/c all kinds of forms moulds lifting shuttering curing rendering washing of shingle surface. (a) R.C.C work in roof slabs, beams, columns, raftis, lintels and other structural members laid in situ or precast laid in position, complete in all respects Ratio 1:2:4 (S.I No 6/p -18).	8993.00	P.Cft	337.00	P.Cft	3030641 /-
2	Fabrication of mild steel reinforcement for R.C.C i/c its labour for cutting bending binding and laying in position making joints and fastening i/c the cost of binding wire also removal of rust from bars (S.I.No. 8' P- 16)	441.62	Cwt	5001.70	P.Cwt	2208851 /-
Total:-					5239492	

SCHEDULE - B.

NAME OF WORK:- ADP-162/255 Up-Gradation of Middle Schools to High Schools & Higher Schools to Higher Secondary Schools (2007-08 Programe) (i) Up-Gradation of Middle schools to High Schools @ GBMS. Soomra Mohalla (Phase IV)Taluka T.M.Khan.

S.No	Description	Quantity	Rate.	Unit	Amount.	
1	Pacca brick work in Ground Floor i/c striking of joints upto 20 ft: height in cement sand mortar ratio 1:6 (S.I. No. 05 P-24)	1785.00	Cft	13110.99	% Cft	Rs: 234031
2	R.C.C. work i/c all labour and material except the cost of steel reinforcement and its labour for bending binding which will be paid separately. This rate also i/c all kinds of forms moulds lifting shuttering curing rendering washing of shingle surface. (a) R.C.C work in roof slabs, beams, columns, rafts, lintels and other structural members laid in situ or precast laid in position, complete in all respects Ratio 1:2:4 (S.I No 6 p -18).	3081.00	Cft	349.10	P.Cft	Rs: 1075577
3	Fabrication of mild steel reinforcement for R.C.C i/c its labour for cutting bending binding and laying in position making joints and fastening i/c the cost of binding wire also removal of rust from bars (S.I.No. 8/ P- 16)	151.30	Cwt	5001.70	P.Cwt	Rs: 756757
4	Cement Plaster 1:6 upto 20 ft. hight 1/2" thick (S.I.No. 13(b)/P-51)	13037.00	Sft	2206.60	% Sft	Rs: 287674
5	Cement Plaster 1:4 upto 20 ft. hight 3/8" thick (S.I.No. 11(a)/P - 51)	13037.00	Sft	2197.52	% Sft	Rs: 286491
6	Providing and fixing chowkhats of size 7"x2" for 1-1/2"x 3" for window using 20 guage G.I.Sheet i/c welded hinges & fixing at site with necessary hood fasts filling with cement sand sullry of ratio 1:6 and repairing the jambs the cost also i/c all carriage tools & plants used in making & fixing for Door Chowkhats / Window chowkhats (S.I.No. 29/P-98)					
A)	<u>DOOR CHOWKATS</u>	438.00	Rft	228.90	P.Rft	Rs: 100258 /-
B)	<u>WINDOW CHOWKATS</u>	2088.00	Rft	240.50	P.Rft	Rs: 502164 /-
7	First class deodar wood wrought joinery in doors & windows fixed in position with chowkads i/c gleats cords hooks iron tower bolts hinges holds fasts deodar panelled or glazed or fully glazed 1-3/4" thick (S.I.No7/P-64)	1336.00	S.ft	902.93	P.Sft	Rs: 1206314 /-
8	Making notice board made with cement(S.I. No.1/P.100)	180.00	S.ft	58.11	P.Sft	Rs: 10460 /-

S.No	Description	Quantity	Rate.	Unit	Amount.
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9 S/F iron steel grill of 3/4" and 1/4" size flate iron of approved design i/c painting 3 coats etc. completet weight not less than 3.7 Lb. Sq: ft: of finished grill).(S.I.No.26.P-97)

1077.00 S.ft 194.16 P.Sft Rs: 209110 /-

Total 4668837

SCHEDULE - B.

NAME OF WORK:- (ADP-162/255) Up-Gradation of Middle Schools to High Schools & Higher Secondary Schools (2007-08 Programme) (i) Up-gradation of Middle School to High Schools @ GBMS Wasi Malook Shah Taluka B.S.Karim District T.M.Khan.

S.No	Description	Quantity	Rate.	Unit	Amount	
1	Pacea brick work in foundation or plinth in cement sand mortar 1:6 (S.I.No. 04/E/P-24)	193.00	Cft	11948.36	% Cft	23060
2	R.C.C. work i/c all labour and material except the cost of steel reinforcement and its labour for bending binding which will be paid separately. This rate also i/c all kinds of forms moulds lifting shuttering curing rendering washing of shingle surface. (a) R.C.C work in roof slabs, beams, columns, rafts, lintels and other structural members laid in situ or precast laid in position, complete in all respects Ratio 1:2:4 (S.I No 6/p -18).	2469.00	Cft	337.00	P.Cft	832053
3	Fabrication of mild steel reinforcement for R.C.C i/c its labour for cutting bending binding and laying in position making joints and fastening i/c the cost of binding wire also removal of rust from bars (S.I.No. 8/ P- 16)	132.29	Cwt	5001.70	P.Cwt	661675
4	Providing and fixing chowkhats of size 7"x2" for 1-1/2"x 3" for window using 20 guage G.I.Sheet i/c welded hinges & fixing at site with necessary hood fasts filling with cement sand sullry of ratio 1:6 and repairing the jambs the cost also i/c all carriage tools & plants used in making & fixing for Door Chowkhats / Window chowkhats(S.I.No. 28/P-92)					
A)	<u>DOOR CHOWKATS</u>	194.00	Rft	228.90	P.Rft	44407
B)	<u>WINDOW CHOWKATS</u>	825.00	Rft	240.50	P.Rft	198413
5	S/F iron steel grill of 3/4" and 1/4" size flate iron of approved design i/c painting 3 coats etc. complete(weight not less than 3.7 Lb./ Sq: ft: of finished grill) (S.I.No.26/P-	450.00	Sft	194.16	P.Sft	87372

S.No	Description	Quantity	Rate.	Unit	Amount	
7	First class deodar wood wrought joinery in doors & windows fixed in position with chowkads i/c cleats cords hooks iron tower bolts hinges holds fasts deodar panelled or glazed or fully glazed 1-3/4" thick (S.I.No7/(b)P-57)	554.00	Sft	902.93	P.Sft	500223
8	Cement Plaster 1:6 upto 20 ft. hight 1/2" thick (S.I.No. 13(b)/P-51)	17948.00	Sft	2206.60	% Sft	396041
9	Cement Plaster 1:4 upto 20 ft. hight 3/8" thick (S.I.No. 11(a)/P - 51)	17948.00	Sft	2197.52	% Sft	394411
10	Providing and laying 3" thick topping cement concrete 1:2:4 i/c surface finishing and dividing into panells.(S.I.No:16(d)/p-41). <u>2" Thick</u>	4834.00	S.ft	3275.50	%.Sft	158338 /-
11	Primary coat of chalk under distemper. (S.I.No.23/P-58).	17948.00	S.ft	442.75	%.Sft	79465
12	Distempering 03 coats . (S.I.No. 24(c)/P-53)	17948.00	S.ft	1079.65	%.Sft	193776
13	Distempering 02 coats . (S.I.No. 24(b)/P-53)	3414.00	S.ft	859.90	%.Sft	29357
14	Painting new surface preparing surface and door & window any type i/c edges. (S.I.No.5(c)/ P-76)	1108.00	S.ft	2116.41	%.Sft	23450
15	Laying floor of approved with glazed tiles 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 (S.I No 34/P-42)	300.00	S.ft	27678.86	%.Sft	83037
16	With glazed tiles 1/4" thick dedoo jointed white cement and over 1:2 cement sand mortar 3/4"thick i/c firishing (S.I.NO:37/P-44).	566.00	S.ft	28253.61	%.Sft	159915 /-

S.No	Description	Quantity	Rate.	Unit	Amount
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17 P/L and HALA or pattern tiles glazed 6"x6"and 1/2" on floor or walls facing in required pattern of Stile specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick 1/c washing and filling of joints with slurry of white cement and pigment in desired shade with finishing, cleaning and wax polish etc complete i/c cutting tile to proper profile (S .I. No 61 /P-54)

1979.00	Sft	34520.31	%	Sft	683157
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Total:-	4548148
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SCHEDULE - B.

NAME OF WORK:-

(ADP-162/255) Up-Gradation of Middle Schools to High Schools & Higher
Secondary Schools (2007-08 Programme) (i) Up-gradation of Middle Schools to
High Schools @ GGMS Bhaledino Sathio Taluka B.S.Karim District T.M.Khan.

S.No	Description	Quantity	Rate.	Unit	Amount	
1	Excavation of foundation of building bridges and other structure i/c dagbelling dressing refilling around structure with excavated lead upto one chain and lift upto 5' feet.(S.I.NO:18(b)P-4).	499.00	Cft	3176.25	%OCft	15849 /-
2	Cement Coneret brick or stone ballast 1-1/2" to 2" guage Ratio 1:4:8. (S.I.No:4/B/P-14).	105.00	Cft	9416.28	%Cft	9887
3	Pacca brick work in foundation or plinth in cement sand mortar 1:4 (S.I.No. 04/E/P-24)	304.00	Cft	11948.36	%Cft	36323
4	Pacca brick work in Ground Floor i/c striking of joints upto 20 ft; hieght in cement sand mortor ratio 1:6 (S.I. No. 5/(I E)P-20)	825.00	Cft	12674.36	%Cft	104563 /-
5	R.C.C. work i/c all labour and material except the cost of steel reinforcement and its labour for bending binding which will be paid separately. This rate also i/c all kinds of forms moulds lifting shuttering curing rendering washing of shingle surface. (a) R.C.C work in roof slabs, beams, columns, rafts, lintels and other structural members laid in situ or precast laid in position, complete in all respects Ratio 1:2:4 (S.I No 6/p -18).	2626.00	P.Cft	337.00	P.Cft	884962
6	Cement Plaster 1:6 upto 20 ft. hieght 1/2" thick (S.I.No. 13(b)P-51)	7055.00	S.ft	2206.60	%Sft	155676 /-
7	Cement Plaster 1:4 upto 20 ft. hieght 3/8" thick (S.I.No. 11(a)P - 51)	18295.00	S.ft	2197.52	%Sft	402036 /-
8	First class deodar wood wrought joinery in doors & windows fixed in position with chowkads i/c cleats cords hooks iron tower bolts hinges holds fasts deodar panelled or glazed or fully glazed 1-3/4" thick (S.I.No7/(b)P-57)	590.00	S.ft	902.93	P.Sft	532729 /-
9	Providing and laying 3" thick topping cement concrete 1:2:4 i/c surface finishing and dividing into panells.(S.I.No:16(d)P-41).	2000.00	S.ft	4411.82	%Sft	88236 /-
(A)	<u>3" Thick</u>	7307.00	S.ft	3275.50	%Sft	239341 /-
(B)	<u>2" Thick</u>					

S.No	Description	Quantity	Rate.	Unit	Amount	
10	Making notice board made with cement(S.I. No.1/P.94)	214.00	S.ft	58.11	P.Sft	12436 /-
11	White washing 03 coats (S.I.No. 26/(c)P-53).	4842.00	S.ft	829.95	%.Sft	40186 /-
12	Primary coat of chalk under distemper (S.I.No.23/P-53)	18852.00	S.ft	442.75	%.Sft	83467 /-
13	Distemping 03 coats . (S.I.No. 24(c)P-53)	18295.00	S.ft	1079.65	%.Sft	197522 /-
14	Painting new surface preparing surface and door & window any type i/c edges. (S.I.No.5(c)/ P-76)	1180.00	S.ft	2116.41	%.Sft	24974 /-
15	Painting new surface preparing surface and guard bars of Iron bars grating railing i/c standard braccs etc. & similar open work (S.I.No.5 (d)/P-76)	214.00	S.ft	1270.83	%.Sft	2720 /-
16	Fabrication of mild steel reinforcement for R.C.C i/c its labour for cutting bending binding and laying in position making joints and fastening i/c the cost of binding wire also removal of rust from bars (S.I.No. 8/ P- 16)	140.68	Cwt	5001.70	P.Cwt	703639 /-
17	P/F iron steel grill of 3/4" and 1/4" size flate iron of approved design i/c painting 3 coats etc. complete(weight not less than 3.7 Lb./ Sq: ft: of finished grill) (S.I.No.30/P-93)	232.00	S.ft	194.16	P.Sft	45045 /-
18	Laying floor of approved with glazed tiles 1/4" thick laid in white cement and pigment on a bed of 3/4" thick cement mortor (S.I No 25/P-49)	260.00	S.ft	27678.86	%.Sft	71965 /-
19	White glazed tiles 1/4" thick dadoo jointed in white cement and laid over 1:2 cement sand mortor 3/4" thick i/c finishing (S.I.No. 37/P-49)	769.00	S.ft	28253.61	%.Sft	217270 /-
20	P/L Hala or patterned tiles glazed 8"x8"and 1/4" on floor or walls facing in required pattern of Stile specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick i/c washing and filling of joints with slurry of white cement and pigment in desired shade with finishing, cleaning and wax polish etc complete i/c cutting tile to proper profile (S.I. No 62 /P-47)	500.00	S.ft	34520.31	%.Sft	172602 /-

S.No	Description	Quantity	Rate.	Unit	Amount
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- 21 Water proofing of roof by means of chemical by using letex solution by applying 1st coat of unibond 2060 adhesive, 2nd coat of Aqua seal 2010/11 3rd coat of uni-bond+Aqua seal mixture than filling thecracks with softex chemical and applying 100% canvas cloth with unibond coat once again filling the jointof canvascloth with softex chemical and applying 2/3 coats as per requirement of aqua seal to have rubber like surface etc complete as directed by Engineer Incharge (R.A).

7440.00 Sft 101.00 P.Sft 751440 /-

- 22 Providing & Fixing printed glazed porcelain Tile 18"x18" finishing in white cement of laid over a bed of 1/2" thick gray cement sand mortar ratio 1:3 using / filling of joints with white cement etc. (R. A).

8223.00 S.ft 350.00 P.Sft 2878050 /-

Total 7655069 /-

N.S.I. 3629490

S.I. 4025579

SCHEDULE - B.

NAME OF WORK:- ADP-252 Up-Gradation of Middle School to High Schools in Sindh (2008-09 Programme) for District T.M.Khan @ GMS. Nabi Bux Leghari Taluka T.M.Khan (Compound Wall).

S.No	Description	Quantity	Rate.	Unit	Amount
01	Excavation of foundation of building bridges and other structure i/c dagbelling dressing refilling around structure with excavated lead upto one chain and lift upto 5' feet.(S.I.NO:18(b)P-4).	2250.00	3176.25	Cft	71466 /-
02	Cement Conerct brick or stone ballast 1-1/2" to 2"guage Ratio1:4:8. (S.I.No:4/B/P-14).	450.00	9416.28	Cft	42373 /-
03	Pacea brick work in foundation and plinth in cement sand mortar ratio 1:6. (S.I.No:4/B/P-16).	1434.00	9416.28	Cft	135029 /-
04	R.C.C. work i/c all labour and material except the cost of steel reinforcement and its labour for bending binding which will be paid separately. This rate also i/c all kinds of forms moulds lifting shuttering curing rendering washing of shingle surface. (a) R.C.C work in roof slabs, beams, columns, rafts, lintels and other structural members laid in situ or precast laid in position. complete in all respects Ratio 1:2:4 (S.I No 6/p -18).	246.00	337.00	P.Cft	82902 /-
05	Fabrication of mild steel reinforcement for R.C.C i/c its labour for cutting bending binding and laying in position making joints and fastening i/c the cost of binding wire also removal of rust from bars (S.I.No. 8/ P- 16)	10.98	5001.70	Cwt	54919 /-
06	Pacea Brick work in other than Building i/c stricking of joints upto 20" ft: height in cement sand mortor 1:6(S .I.NO:07/I/e/P-21).	1607.00	12346.65	Cft	198411 /-
07	Filling, watering, and ramming earth under floors with new earth excavated from outside lead upto 1 chain and lift upto 5'ft (s.I.NO:22/P-05).	3600.00	3630.00	Cft	13068 /-
08	Cement Plaster 1:6 upto 20 ft. high 1/2" thick (S.I.No. 13(b)P-51)	2808.00	2206.60	S.ft	61961 /-

S.No	Description	Quantity	Rate.	Unit	Amount
09	Cement Plaster 1:4 upto 20 ft. hight 3/8" thick (S.I.No. 11(a)/P - 51)	2808.00	2197.52	S.ft	61706 /-
10	Cement pointing struck joints on wall (a) ratio 1:2 (S.I.No. 19A/P-53).	2160.00	1287.99	Sft	27821 /-
11	Primary coat of chalk under distemper (S.I.No.23/P-53)	2808.00	442.75	S.ft	12432 /-
12	Distemping 03 coats . (S.I.No. 24(c)/P-53)	2808.00	1079.65	S.ft	30317 /-
13	Colour washing (b) Two coats. (S.I.No. 25(b)/P-54)	2808.00	859.60	S.ft	24138 /-
14	M/F steel grated door with 1/16" thick sheeting i/c angle iron frame of 2"x2"x3/8" with 3/4" dia Sq; bars at 4" C/C with locking arrangements (S.I.No.24/P-97)	48.00	726.72	S.ft	34883 /-
15	Painting new surface preparing surface and guard bars of Iron bars grating railing i/c standard braccess etc. & similar open work (S.I.No.5 (d)/P-76)	96.00	1270.83	S.ft	1220 /-
Total Rs:					852645 /-